

Case Docket No. 9156A

In re application of Michael A. Porter

Serial No. 10/735,072

Filed December 12, 2003

For Devices For Cooling or Heating Liquids In A Bottle

THE COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☒ Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
- ☒ No additional fee is required.

The fee has been calculated as shown below:

(Col.1)		(Col.2)		(Col.3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY		
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE	OR	RATE	ADDIT. FEE
TOTAL	*	MINUS	**	=	x .18 = \$		OR	x .18 = \$	
INDEP.	*	MINUS	***	=	x .18 = \$		OR	x .84 = \$	
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+	= \$	OR	+280 = \$	
					TOTAL	\$	OR	TOTAL	\$

*If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

**If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

Please charge my Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is attached.

A check in the amount of \$ _____ is attached.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is attached.

Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

Any patent application processing fees under 37 CFR 1.17.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re the Application Of: Michael A. Porter

Application Serial No: 10/735,072

Filed: December 12, 2003

For: Devices For Cooling or Heating Liquids In A Bottle
(Amendment A)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA. 22313-1450

I hereby certify that this correspondence is being deposited
with the United States Postal Service as First Class Mail in an
envelope addressed to: Commissioner for Patents, P.O. Box 1450,
Alexandria, VA. 22313-1450 on 8-26-05 (Date of Deposit).

John M. Harrison
John M. Harrison

August 26, 2005
Date



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application Of

Mr. Chen-Wen Jiang

Michael A. Porter

Primary Examiner

Application Serial No: 10/735,072

Art Unit 3744

Filed: December 12, 2003

For: Devices For Cooling or Heating Liquids In A Bottle

Commissioner for Patents
P.O. Box 1450
Alexandria, VA. 22313-1450

AMENDMENT A

Dear Sir:

Responsive to the office action under date of June 27, 2005, please amend the above identified patent application as follows:

IN THE CLAIMS

Please cancel claims 11-24 without prejudice or disclaimer.

1. (original) A device for changing the rate of heat transfer in a liquid contained in a container, said device comprising a tube for insertion in the container, said tube at least partially submerged in the liquid; a heat-exchanging fluid provided in said tube, said heat-exchanging fluid having a temperature different from the temperature of the liquid in the container, for effecting heat transfer between said heat-exchanging fluid and the liquid in the container; at least two tube openings provided in said tube for flowing the liquid from the container and through said tube openings when the container is inverted; and a plug provided in said tube between said tube openings and the heat-exchanging fluid to prevent commingling of the liquid in the container and the heat-exchanging fluid when the container is inverted.